

## United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/891,174	06/26/2001	Tokuo Nakatani	2001_0914A	9273	
513 75	7590 08/04/2006		EXAMINER		
WENDEROTH, LIND & PONACK, L.L.P.			DUNN, MISHAWN N		
2033 K STREE	T N. W.				
SUITE 800			ART UNIT	PAPER NUMBER	
WASHINGTON, DC 20006-1021		2621			

DATE MAILED: 08/04/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Suj	ppl	eme	ntal	!
Notice	of	Allo	wab	ility

Application No.	Applicant(s)
09/891,174	NAKATANI ET AL.
Examiner	Art Unit
Mishawn N. Dunn	2621

— The MAILING DATE of this communication appears on the cover sheet with the correspondence address—All claims being allovable, PROSECUTION ON THE MERTIS 19, (OR REMANS), CLOSED in this application. If not included herewith the graving mailed), a Notice of Allowance (PTOL-55) or other appropriate communication will be mailed in due course. THIS MOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initial of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.  1. ☑ This communication is responsive to ids filed 69/2/006  2. ☑ The allowed claim(s) is/are 4-8.22.26 and 36-39.  3. ☑ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) ☑ All b) ☐ Some* c) ☐ None of the:  1. ☑ Certified copies of the priority documents have been received in Application No. ☐  2. ☐ Certified copies of the priority documents have been received in Application No. ☐  3. ☐ Certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).  **Certified copies not received: ☐  Applicant has THREE MONTHS FROM THE *MAILING DATE* of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  **THIS THREE MONTH PERIOD IS NOT EXTENDABLE.**  4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted. Note the attached Examiner's Comment feed of the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached Examiner's comment regarding Requirement for Deposit of BioLogical Material.  **Attachment(s)**  1. ☐ Notice of References Cited (PTO-892)  2. ☐ Notice of Informal Patent Application (PTO-152)  3. ☐ Information Disclosur				
All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-55) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOTA GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initial of the Office or upon petition by the applicant. See 37 CFR 1.34(a) and MPEP 1308.  1.		Mishawn N. Dunn	2621	
2.	All claims being allowable, PROSECUTION ON THE MERITS IS (herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI	(OR REMAINS) CLOSED in this app or other appropriate communication GHTS. This application is subject to	olication. If not includ will be mailed in due	ed course. THIS
3.	1. This communication is responsive to ids filed 6/6/2006.			
a)  All b)  Some* c) None of the:  1.  Actified copies of the priority documents have been received.  2.  Certified copies of the priority documents have been received in Application No.  3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).  * Certified copies not received:	2. X The allowed claim(s) is/are 4-8,22-26 and 36-39.			
2.	a) 🖾 All b) 🗌 Some* c) 🗌 None of the:			
3.	• •			
* Certified copies not received:  Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  THIS THREE MONTH PERIOD IS NOT EXTENDABLE.  4.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.  5.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.  (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached  1)  hereto or 2)  to Paper No./Mail Date  (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date  Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).  6.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.  Attachment(s)  1.  Notice of Draftperson's Patent Drawing Review (PTO-948)  5.  Notice of Informal Patent Application (PTO-152)  6.  Interview Summary (PTO-413), Paper No./Mail Date  Paper No./Mail Date  7.  Paper No./Mail Date  8.  Examiner's Statement of Reasons for Allowance of Biological Material		• • • • • • • • • • • • • • • • • • • •		ation from the
* Certified copies not received:  Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  4.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.  5.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.  (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached  1)  hereto or 2)  to Paper No./Mail Date  (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date  Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).  6.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.  Attachment(s)  1.  Notice of References Cited (PTO-892)  2.  Notice of Draftperson's Patent Drawing Review (PTO-948)  3.  Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date  Paper No./Mail Date  3.  Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date  4.  Examiner's Comment Hegarding Requirement for Deposit of Biological Material		differits have been received in this i	national stage applica	
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.  5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.  (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached  1) hereto or 2) to Paper No./Mail Date  (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date  (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date  (c) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date  (d) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date  (d) DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.  Attachment(s)  1. Notice of References Cited (PTO-892)  2. Notice of Draftperson's Patent Drawing Review (PTO-948)  3. Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date  Paper No./Mail Date  1. Examiner's Comment Hegarding Requirement for Deposit of Biological Material				
INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.  5.	Applicant has THREE MONTHS FROM THE "MAILING DATE" on noted below. Failure to timely comply will result in ABANDONM		complying with the re	quirements
(a) including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached  1) hereto or 2) to Paper No./Mail Date  (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date  Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).  6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.  Attachment(s)  1. Notice of References Cited (PTO-892)  2. Notice of Draftperson's Patent Drawing Review (PTO-948)  3. Notice of Draftperson's Patent Drawing Review (PTO-948)  4. Drawing Review (PTO-1449 or PTO/SB/08), Paper No./Mail Date  7. Examiner's Amendment/Comment Paper No./Mail Date  8. Examiner's Statement of Reasons for Allowance of Biological Material				NOTICE OF
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).  6.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.  Attachment(s) 1.  Notice of References Cited (PTO-892) 2.  Notice of Draftperson's Patent Drawing Review (PTO-948) 3.  Notice of Draftperson's Patent Drawing Review (PTO-1449 or PTO/SB/08), Paper No./Mail Date	<ul> <li>(a) ☐ including changes required by the Notice of Draftspers</li> <li>1) ☐ hereto or 2) ☐ to Paper No./Mail Date</li> <li>(b) ☐ including changes required by the attached Examiner's</li> </ul>	on's Patent Drawing Review ( PTO-		
Attachment(s)  1. Notice of References Cited (PTO-892)  2. Notice of Draftperson's Patent Drawing Review (PTO-948)  3. Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date (PT	Identifying indicia such as the application number (see 37 CFR 1.			e back) of
1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Interview Summary (PTO-413), Paper No./Mail Date ☐ . Paper No./Mail Date ☐ . Paper No./Mail Date ☐ . Examiner's Comment Regarding Requirement for Deposit of Biological Material  5. ☐ Notice of Informal Patent Application (PTO-152) 6. ☐ Interview Summary (PTO-413), Paper No./Mail Date 7. ☐ Examiner's Amendment/Comment 8. ☐ Examiner's Statement of Reasons for Allowance				Note the
1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Interview Summary (PTO-413), Paper No./Mail Date ☐ . Paper No./Mail Date ☐ . Paper No./Mail Date ☐ . Examiner's Comment Regarding Requirement for Deposit of Biological Material  5. ☐ Notice of Informal Patent Application (PTO-152) 6. ☐ Interview Summary (PTO-413), Paper No./Mail Date 7. ☐ Examiner's Amendment/Comment 8. ☐ Examiner's Statement of Reasons for Allowance				
Paper No./Mail Date  3. Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date  7. Examiner's Amendment/Comment Paper No./Mail Date  8. Examiner's Statement of Reasons for Allowance of Biological Material		5. ☐ Notice of Informal P	atent Application (PT	O-152)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date	2.  Notice of Draftperson's Patent Drawing Review (PTO-948)			
of Biological Material	3. Information Disclosure Statements (PTO-1449 or PTO/SB/0	Paper No./Mail Dai 8), 7. 🗌 Examiner's Amendr		
9 □ Other	4. Examiner's Comment Regarding Requirement for Deposit	8. 🗌 Examiner's Stateme	ent of Reasons for Alle	owance
The the the	*	9.	AND MER	

U.S. Patent and Trademark Office PTOL-37 (Rev. 7-05)

**Notice of Allowability** 

Part of Paper No./Mail Date 07312006